

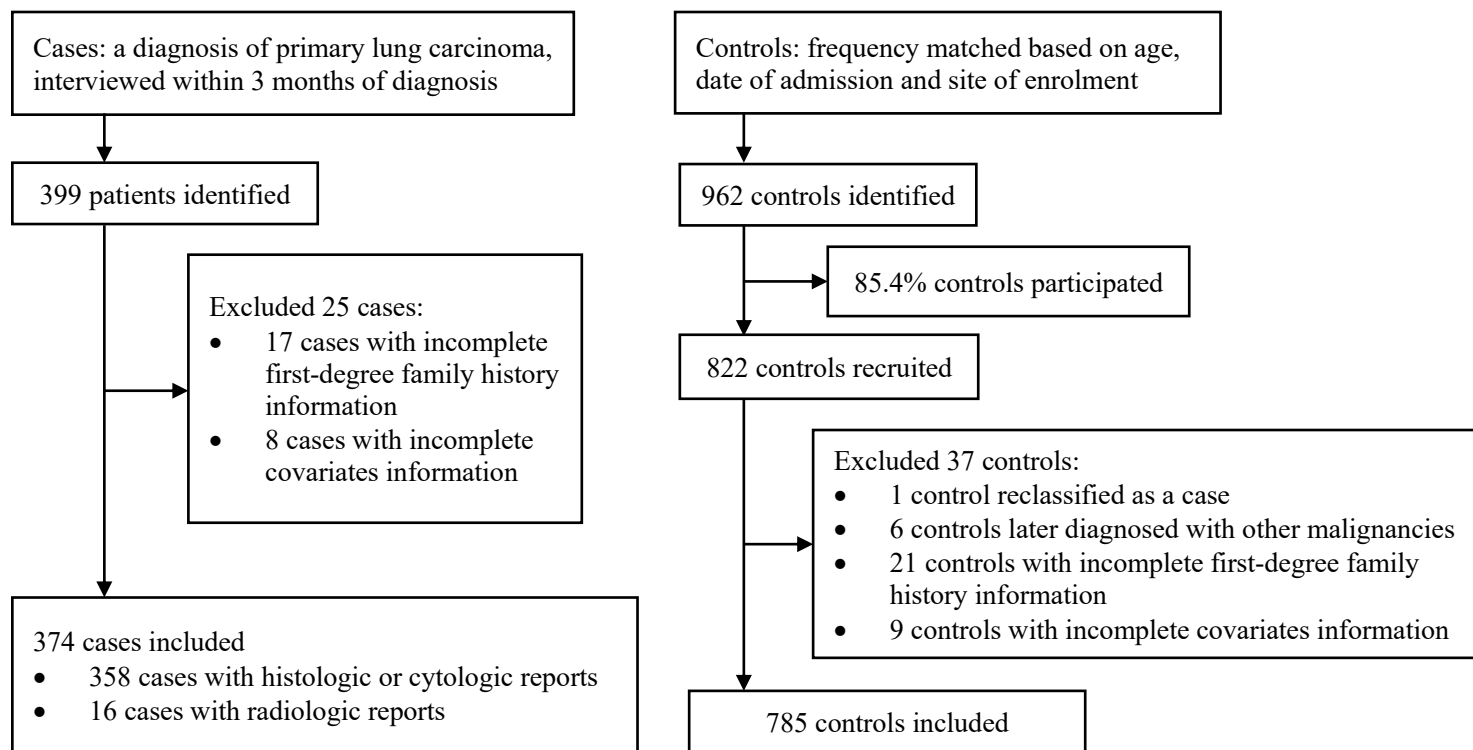
Supplementary Information

Supplementary Table 1. Histological subtypes of lung cancer

Histologic type	ICD-O-3 codes
Non-small cell lung cancer	<ul style="list-style-type: none">• 8070/3 (Squamous cell carcinoma, NOS)• 8012/3 (Large cell carcinoma, NOS)• 8046/3 (Non-small cell carcinoma)• 8140/3 (Adenocarcinoma, NOS)• 8260/3 (Papillary adenocarcinoma, NOS)• 8480/3 (Mucinous adenocarcinoma)• 8250/3 (Lepidic adenocarcinoma)• 8253/3 (Adenocarcinoma of lung, mucinous)
Adenocarcinoma	<ul style="list-style-type: none">• 8140/3 (Adenocarcinoma, NOS)• 8260/3 (Papillary adenocarcinoma, NOS)• 8480/3 (Mucinous adenocarcinoma)• 8250/3 (Lepidic adenocarcinoma)• 8253/3 (Adenocarcinoma of lung, mucinous)
Squamous cell carcinoma	<ul style="list-style-type: none">• 8070/3 (Squamous cell carcinoma, NOS)
Large cell carcinoma	<ul style="list-style-type: none">• 8012/3 (Large cell carcinoma, NOS)
Unspecified NSCLC	<ul style="list-style-type: none">• 8046/3 (Non-small cell carcinoma)
Small cell lung cancer	<ul style="list-style-type: none">• 8041/3 (Small cell carcinoma, NOS)
Neuroendocrine carcinoma	<ul style="list-style-type: none">• 8013/3 (Large cell neuroendocrine carcinoma)• 8240/3 (Neuroendocrine tumour, NOS)• 8246/3 (Neuroendocrine carcinoma, NOS)

Supplementary Table 2. Distribution of histologic type of lung cancer among cases and controls with and without family history of lung cancer

	All women	
Family history (FH) of lung cancer in first-degree relatives	Cases (n (%))	Controls (n (%))
Non-adenocarcinoma non-small cell lung cancer	(n=54)	(n=650)
FH absent	47 (87.0%)	608 (93.5%)
FH present	7 (13.0%)	42 (6.5%)
Small cell lung cancer	(n=17)	(n=650)
FH absent	14 (82.4%)	608 (93.5%)
FH present	3 (17.6%)	42 (6.5%)
Neuroendocrine carcinoma	(n=4)	(n=650)
FH absent	2 (50.0%)	608 (93.5%)
FH present	2 (50.0%)	42 (6.5%)



Supplementary Figure 1. Flowchart of study inclusion and exclusion criteria